JOINT FIRES AND EFFECTS TRAINER SYSTEM (JFETS)

Current Fires and Effects

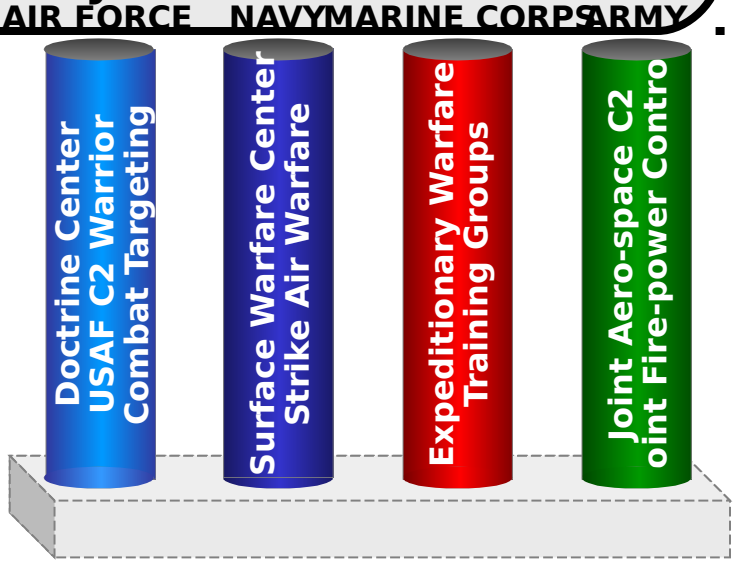
Operations Enduring Freedom and Iraqi Freedom . . .

demonstrated the **warfighting potential** of **Integrated Joint Fires**!

. . . and that **complex military operations** must be trained:

- ✓Coordinating **Joint Attack of Targets**
- ✓Synchronizing **fires with maneuver**
- ✓Land Fires to Support **Aviation**
- ✓Synergistic **Fires and Effects**
- ✓**Time Sensitive Targeting**
- ✓**Deconfliction** of Fires

We currently rely on service component schools to inform on service capabilities, and train component elements of the joint fires team



Forces that "train like you fight and fight like you train"

The Joint Force Will Require Training on the Integration, Coordination and Application of Joint Fires

Joint Fires and Effects Training at Fort Sill

OIF AND OEF LESSONS LEARNED

SENSOR-SHOOTER INTEGRATION

JOINT CLOSE AIR SUPPORT

17,682 Sorties

Quanah Range

JOINT NETWORKED FIRES

LINKAGE TO JAGCE AND COMBAT TRAINING CENTERS

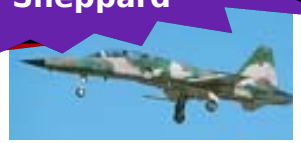
GREATER POTENTIAL FOR OPERATIONAL FIRES

TACTICAL INTEGRATION OF FIRES

TRAINING AT INDIVIDUAL AND BATTALION LEVEL

ESTABLISHED RANGE COMPLEXES

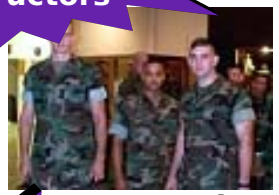
Altus, Tinker, Sheppard



Training Agreements With USAF Bases

Euro/NATO Flight Training

100 Instructors



USMC Cadre

4,257 Sorties

USAF and USMC Air Supp Integrated Into Classes

2,000 Trained Annually

All USMC Artillery Training

JOINT POWER PROJECTION PLATFORMS

AN ESTABLISHED NETWORK AND TRAINING FACILITIES/ENVIRONMENT

A Foundation for Joint Fires and Effects Integration Training

Transformation of Joint Fires Training

State of the Art Simulations for Fires Integration Training

Produce the Universal Observer

JOINT FIRES AND EFFECTS INTEGRATION TRAINING CENTER

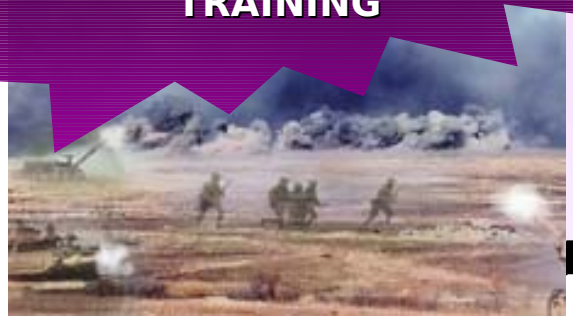
Continually Integrate Lessons Learne

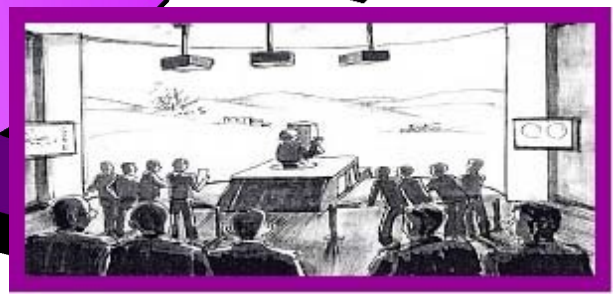
Leveraging Joint Lethal and Non-lethal Fires and Effects For Battlefield Dominance

Networked Lethality

Establishing Integrated Training for Services And the Joint Force On Fires and Effects for the Next Conflict

FOCUS ON JOINT FIRES AND EFFECTS TRAINING





ICT - Institute For Creative Technologies - Virtual Systems for Joint Force Training

Joint Fires and Effects Trainer System (JFETS)

Joint Training Center for Fires and Effects Integration

Focused on Individual and Battle Staff Training at the Tactical Level

Linked to Simulations to Replicate Effects

Produce a Universal Observer for …any Effect … any Environment

Experiential Virtual Training

Joint Fires and Effects Trainer System (JFETS)

Potential for Live Fire Outcomes

Replicate Aural and Visual Conditions

Immersive and Adaptable Virtual Environment

Collective Training Of Fires Integration For Battle Staffs
All Services
Joint And Multinational
Special Operations

JFETS – Transformational Training for Joint Fires and Effects Integration

Joint Fires and Effects Trainer System (JFETS)

System Description

- **Develop into a training system that enables decision making in a centric operational environment**

- **Consists of a Fires and Effects Command Module, Call for Fire Trainer, (Open Terrain Module, Urban Terrain Module), and After Action Report Module**

- **Provides training for**

  Universal Observer

  Fires and Effects Coordination Cell at all levels

JFETS – Any Observer, Any Effect, In Any Environment

Joint Fires and Effects Trainer System (JFETS)

A cooperative effort between the Institute for Creative Technologies (ICT) and The U.S. Army Field Artillery Center to create a Joint Fires and Effects Training capability

OTM

(OTM) Open Terrain Module
The Universal Observer must master the skills necessary to sense high-payoff targets and engage the adversary with an appropriate mix of Joint fires and effects

FECM

(FECM) Fires and Effects Command Module
The FECM trains commanders and battle staffs to plan and coordinate the application of lethal and non-lethal Joint capabilities. The FECM enables Joint, Interagency and Multinational Fires and Effects coordination and integration

UTM

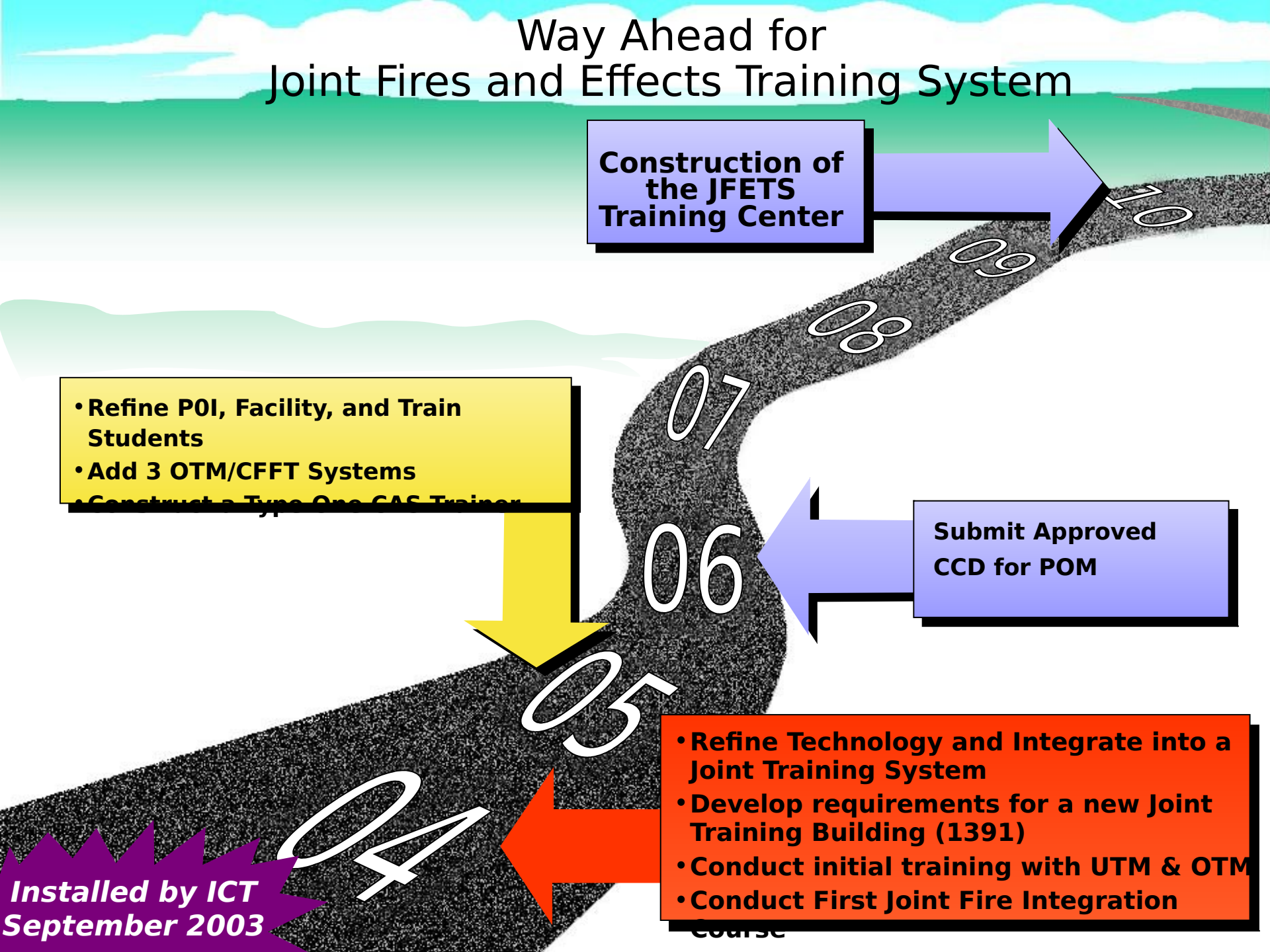
(UTM) Urban Terrain Module
Employment of fires and effects in urban terrain is the most challenging. The requirement to limit collateral damage and non-combatant casualties places tremendous demands on the observer

Briefing Room

The Entrance & After Action Report Module Areas provide a welcome area for visitors and trainees to receive initial briefings on the use of the facility, and provides the trainee with a synopsis of the training session in any one of the modules where he participates

JFETS – Any Observer, Any Effect, in Any Environment

Way Ahead for Joint Fires and Effects Training System


Construction of the JFETS Training Center
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09
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04
• Refine P0I, Facility, and Train Students
• Add 3 OTM/CFFT Systems
• Construct a Type One CAS Trainer
Submit Approved CCD for POM
• Refine Technology and Integrate into a Joint Training System
• Develop requirements for a new Joint Training Building (1391)
• Conduct initial training with UTM & OTM
• Conduct First Joint Fire Integration Course
Installed by ICT September 2003